

L Number	Hits	Search Text	DB	Time stamp
1	2	(controller or processor) near10 (fuel adj cell) near10 link	USPAT; US-PGPUB	2003/08/21 10:00
2	2	(information adj storage) near10 (fuel adj cell)	USPAT; US-PGPUB	2003/08/21 10:00



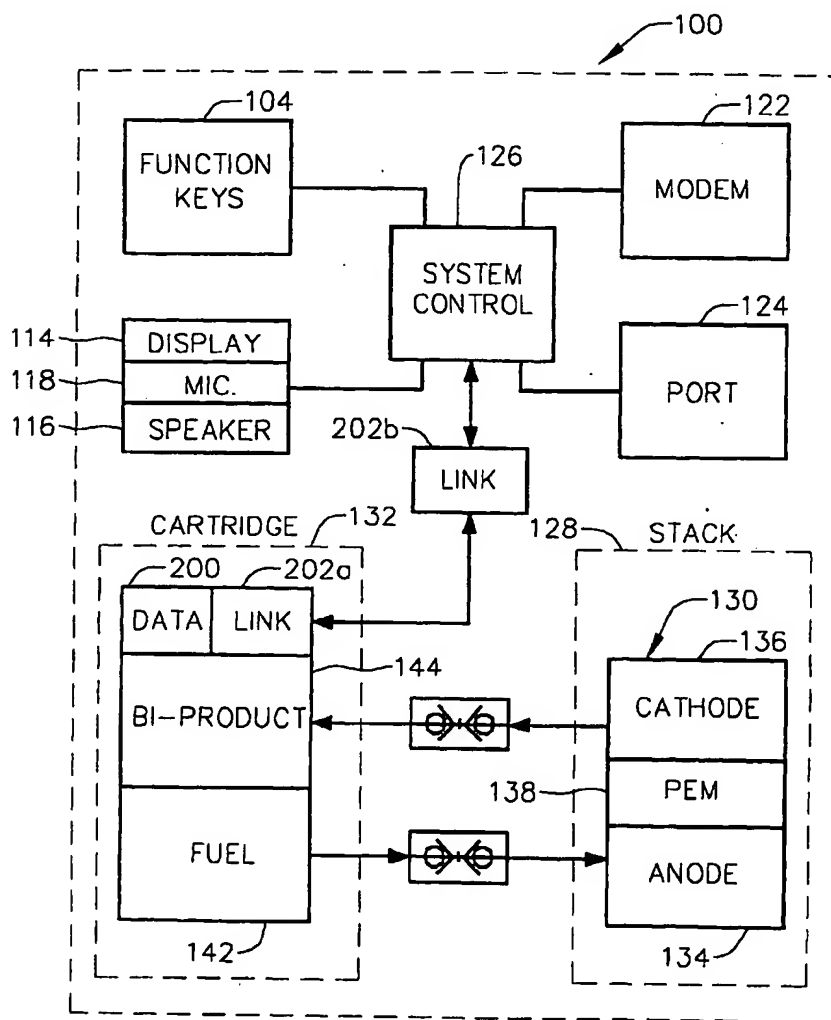
US 20030082416A1

(19) **United States**(12) **Patent Application Publication** (10) Pub. No.: **US 2003/0082416 A1**  
Bullock et al. (43) Pub. Date: **May 1, 2003**(54) **SYSTEMS INCLUDING REPLACEABLE  
FUEL CELL APPARATUS AND METHODS  
OF USING REPLACEABLE FUEL CELL  
APPARATUS**(22) Filed: **Oct. 29, 2001****Publication Classification**(51) Int. Cl.<sup>7</sup> ..... **H01M 8/04**(52) U.S. Cl. .... **429/12; 429/96; 429/90**(76) Inventors: **Michael L. Bullock, San Diego, CA**  
**(US); Winthrop D. Childers, San**  
**Diego, CA (US)**(57) **ABSTRACT**

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A system in accordance with a present invention includes a host device and a fuel cell apparatus with an information storage device. A method of operating a host device in accordance with a present invention includes the step(s) of writing data to, and/or accessing data on, a fuel cell apparatus information storage device.

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(19) **United States**(12) **Patent Application Publication** (10) Pub. No.: **US 2003/0082426 A1**  
Bullock et al. (43) Pub. Date: **May 1, 2003**(54) **REPLACEABLE FUEL CELL APPARATUS  
HAVING INFORMATION STORAGE DEVICE****Publication Classification**(51) Int. Cl.<sup>7</sup> ..... H01M 8/04

(52) U.S. Cl. .... 429/34; 429/30; 429/22

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Diego, CA (US)(57) **ABSTRACT**

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A fuel cell apparatus in accordance with a present invention includes an information storage device. A method of operating a host device in accordance with a present invention includes the step(s) of writing data to, and/or accessing data on, a fuel cell apparatus information storage device. A system in accordance with a present invention includes a host device and a fuel cell apparatus with an information storage device.

(21) Appl. No.: **10/000,248**(22) Filed: **Oct. 29, 2001**